

FIG. 1A is a block diagram of a system 100.

100

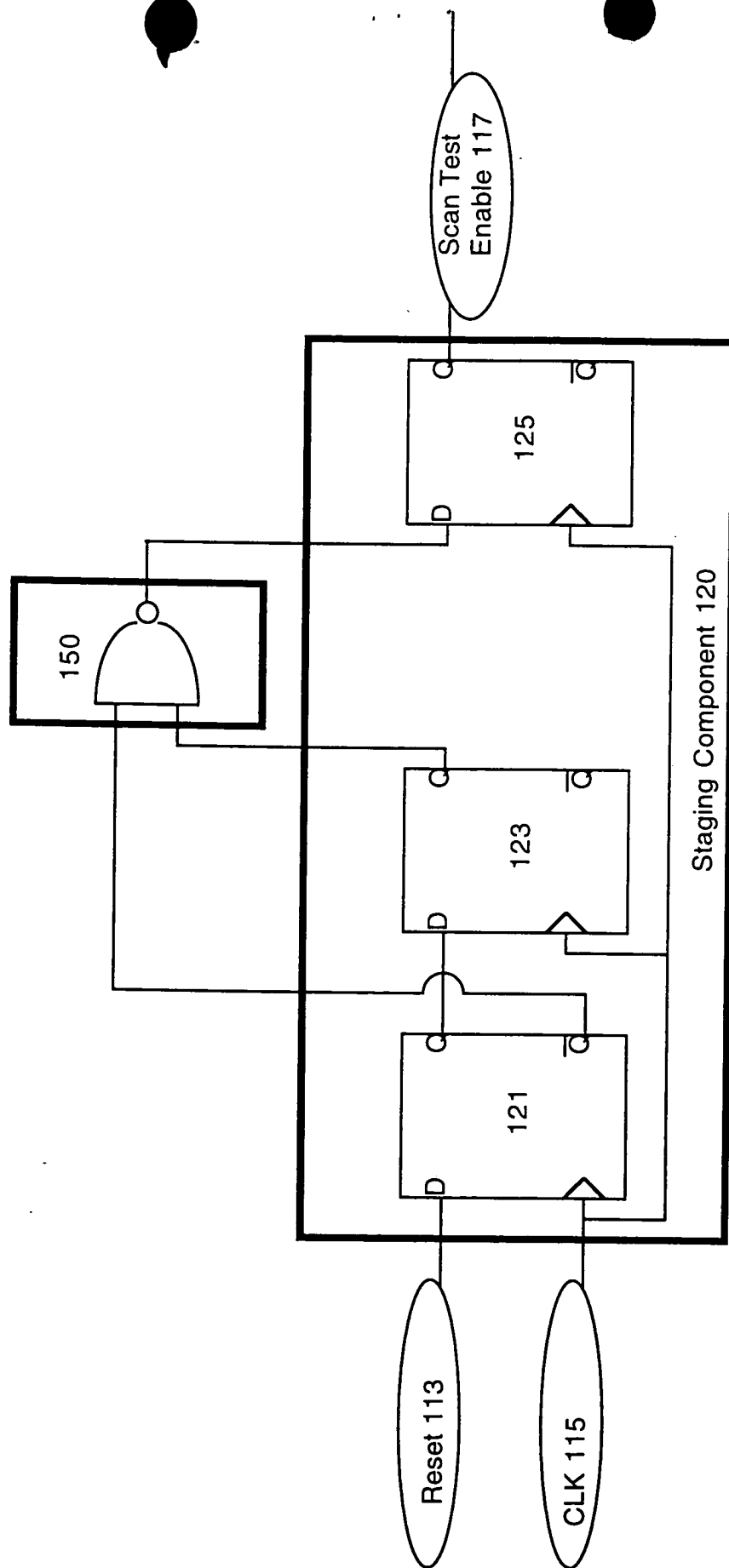


FIG 1A

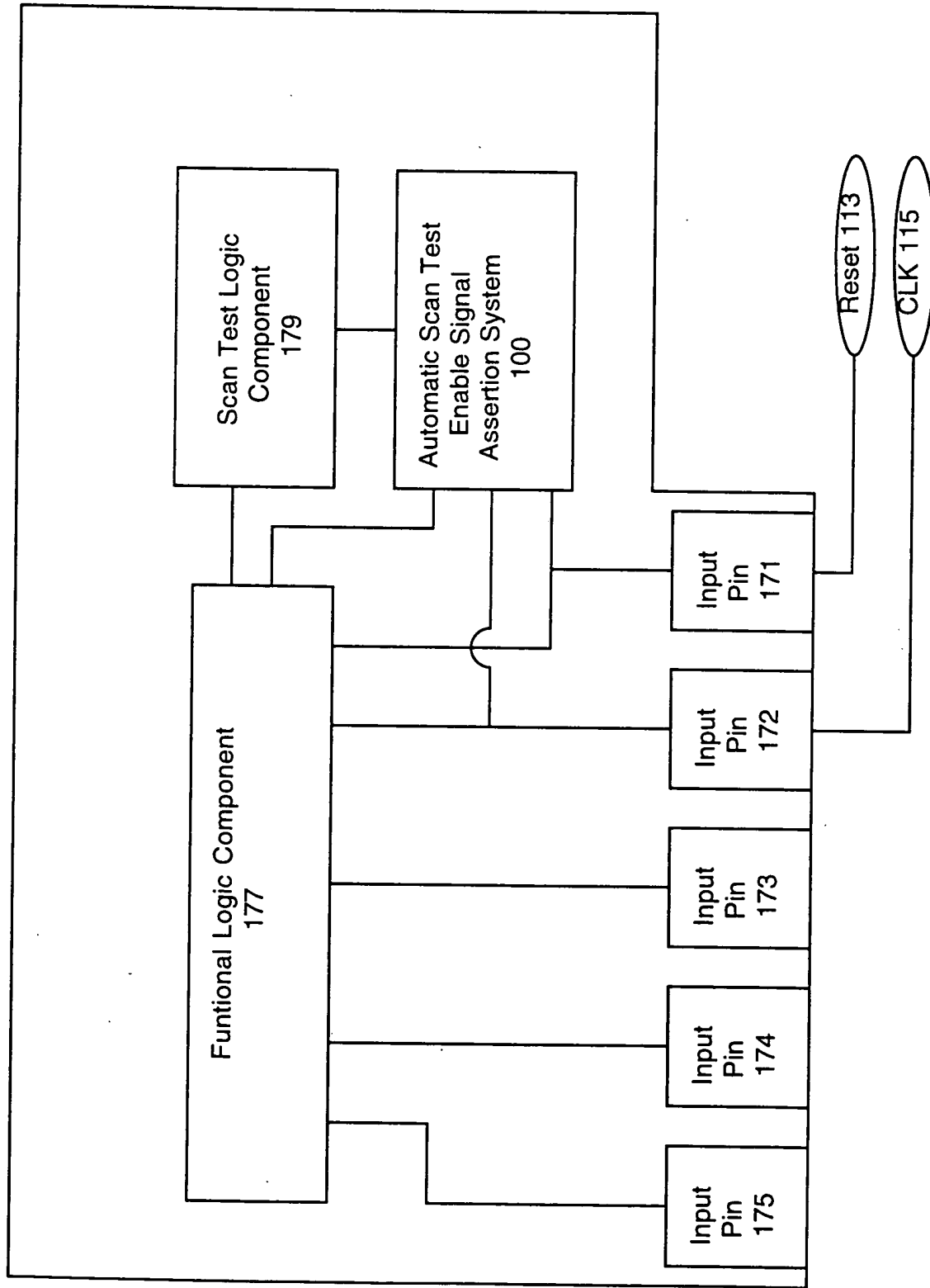


Fig. 1B

```

/*****
**          BScanEnBlk Module          **
**-----**
*****/

/ /-----
module BScanEnBlk (BScanEnbN,          // Output
                  pciClk, ioRstN );    // Input
/ /-----

output BScanEnbN ;
input  pciClk, ioRstN ;
reg    Q1_ioRstN, Q2_ioRstN, BScanEnbN ;
/ /-----Circuit -----
// Generating the BScanEnbN ;
always @ (posedge pciClk )
    begin
        Q1_ioRstN <- ioRstN;
    end
always @ (posedge pciClk)
    begin
        Q2_ioRstN <- Q1_ioRstN ;
    end
wire    D_BScanEnbN    --( Q1_ioRstN & Q2_ioRstN ) ;
always @ (posedge pciClk )
    begin
        BScanEnbN <- D_BScanEnbN ;
    end
endmodule

```

FIG. 2

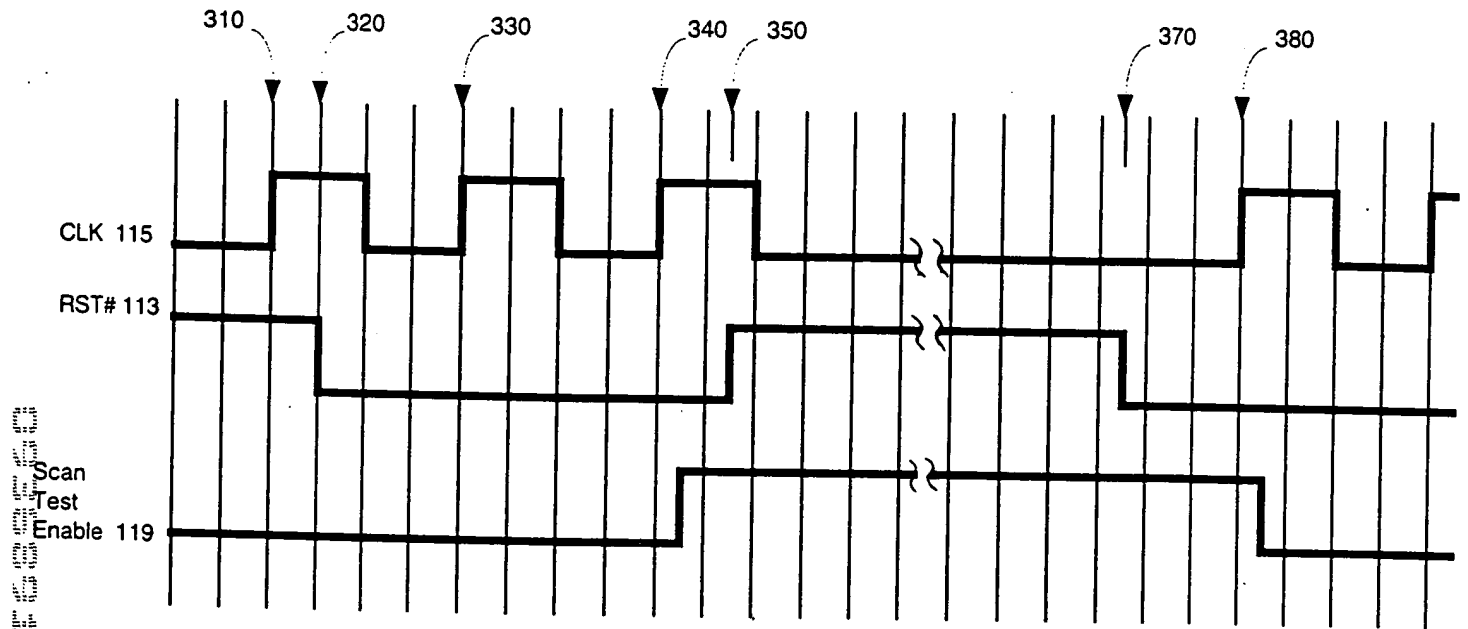


FIG 3

400

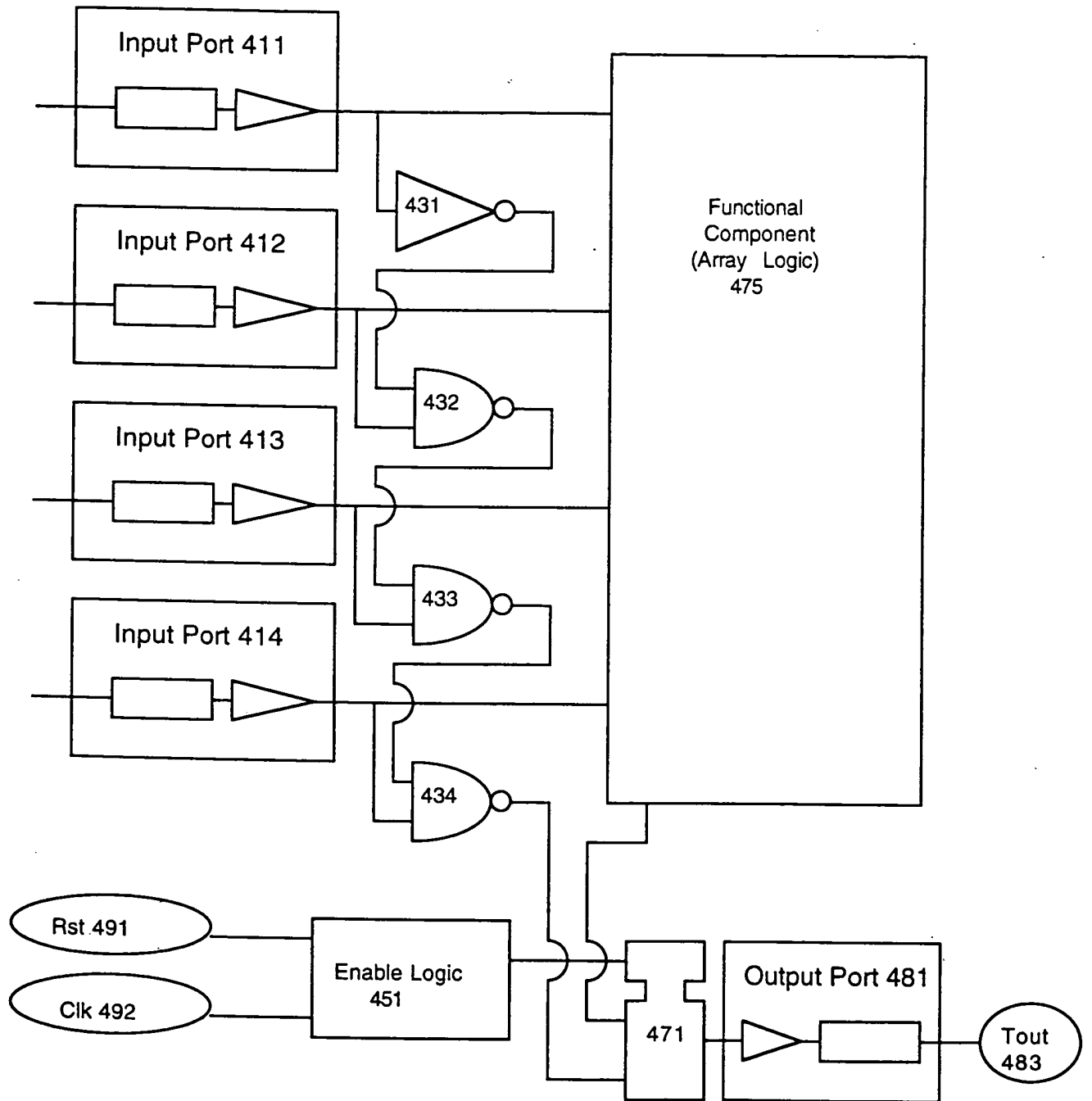


FIG 4

500

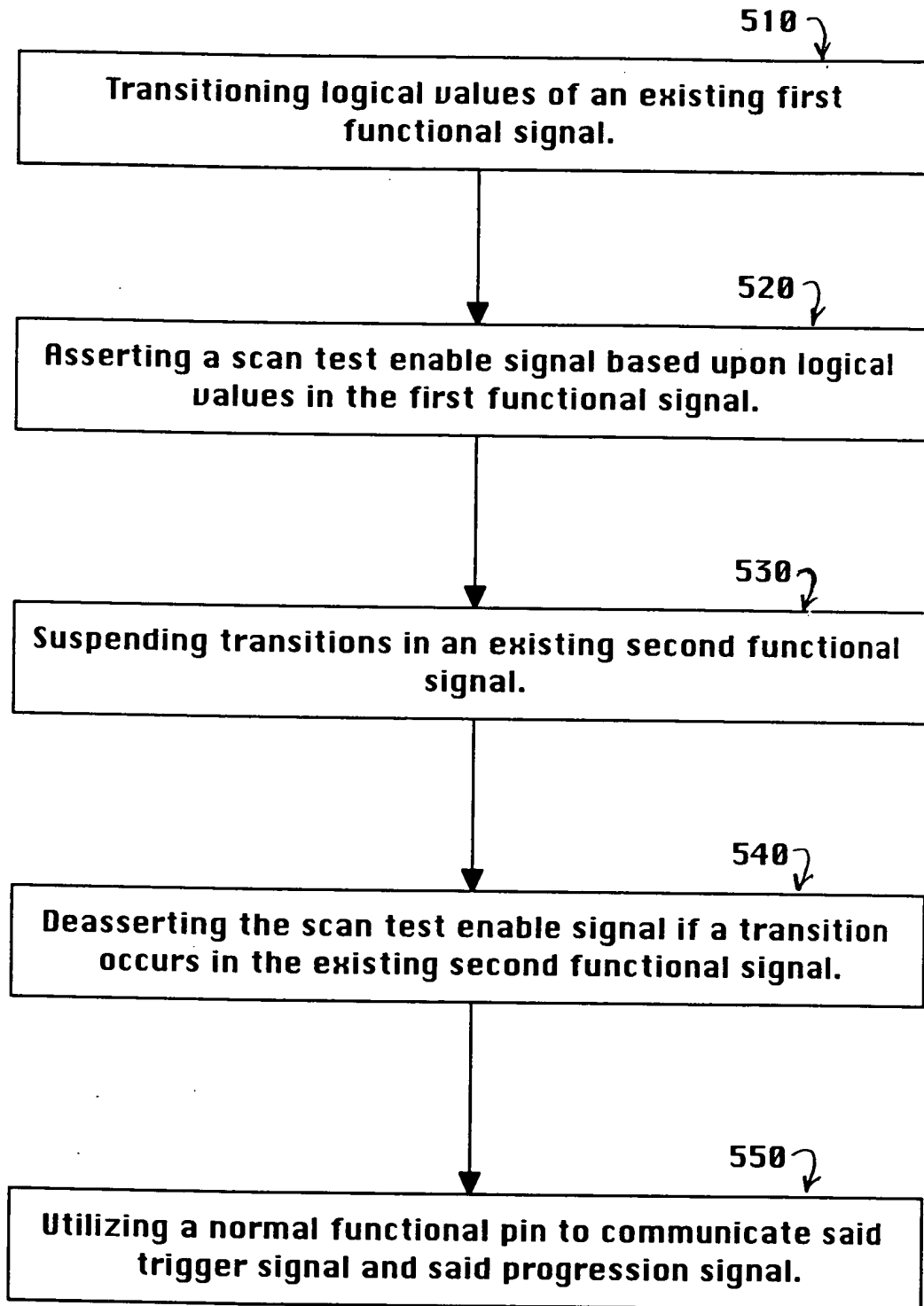


Fig. 5